

ABSTRACT OF THE DISCLOSURE

~~A linear motor includes a magnet, a coil, and~~
a jacket having an inside comb-shaped member extending
along a driving direction, wherein the coil is engaged
by teeth of the comb-shaped member and wherein a
cooling medium is flown through an inside space
enclosed by the jacket. Unwanted deformation or
breakage of the jacket can be avoided even if the
pressure of the cooling medium is enlarged or the
thickness of a small-thickness portion of the jacket
is made smaller. A higher cooling efficiency is thus
attainable by increasing the flow rate of the cooling
~~medium.~~

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